

WHAT IS CLAIMED IS:

1. A system for wireless communications, comprising:
 - (a) a cellular network;
 - (b) a wireless local loop network connected to the cellular network; and
 - 5 (b) a dual-enabled device enabled to operate on both the wireless local network and the cellular network, wherein the device uses the wireless local loop network for communications, if available, and otherwise uses the cellular network for communications.
2. The system of claim 1, wherein a gateway connects the wireless local loop network to the cellular network.
- 10 3. The system of claim 1, wherein the wireless local loop network includes at least one master device that can communicate wirelessly with at least one slave device.
- 15 → 10 4. The system of claim 3, wherein the master and slave devices of the wireless local loop network form a logical connection, virtual local area network (LAN).
- 5. The system of claim 3, wherein the master device is cellular-enabled, so that it can communicate with the cellular network.
- 20 6. The system of claim 3, wherein the slave device is cellular-enabled, so that it can communicate with the cellular network.
- A 7. The system of claim 3, wherein data may ricochet within the wireless local loop network, such that master or slave devices that are cellular-enabled can relay data for master or slave devices that are not cellular-enabled.
- 25 30 8. The system of claim 1, wherein the wireless local loop network comprises a preferred network in areas where both the wireless local loop and the cellular network are available or where just the wireless local loop is available.

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9. The system of claim 1, further comprising means for performing handoffs of the dual-enabled device between the wireless local loop network and the cellular network.

10. The system of claim 1, wherein the dual-enabled device further comprises
5 means for performing a discovery and/or registration process to identify whether to use either the wireless local loop network or the cellular network.

11. A device for wireless communications, comprising a dual-enabled device
enabled to operate on both a wireless local network and a cellular network, wherein the
10 device uses the wireless local loop network for communications, if available, and otherwise
uses the cellular network for communications.

12. The device of claim 11, wherein a gateway connects the wireless local loop
network to the cellular network.

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13. The device of claim 11, wherein the wireless local loop network includes at least
one master device that can communicate wirelessly with at least one slave device.

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14. The device of claim 13, wherein the master and slave devices of the wireless
local loop network form a logical connection, virtual local area network (LAN).

15. The device of claim 13, wherein the master device is cellular-enabled, so that it
can communicate with the cellular network.

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16. The device of claim 13, wherein the slave device is cellular-enabled, so that it
can communicate with the cellular network.

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17. The device of claim 13, wherein data may ricochet within the wireless local
loop network, such that master or slave devices that are cellular-enabled can relay data for
master or slave devices that are not cellular-enabled.

18. The device of claim 11, wherein the wireless local loop network comprises a preferred network in areas where both the wireless local loop and the cellular network are available or where just the wireless local loop is available.

5 19. The device of claim 11, further comprising means for performing handoffs of the dual-enabled device between the wireless local loop network and the cellular network.

10 20. The device of claim 11, further comprising means for performing a discovery and/or registration process to identify whether to use either the wireless local loop network or the cellular network.